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Sequence Listing was accepted.

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217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Tue Sep 25 16:03:05 EDT 2007

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Application No: 10579445 Version No: 2.0

Input Set:

Output Set:

Started: 2007-09-20 11:51:10.946
Finished: 2007-09-20 11:51:17.016
Elapsed: 0 hr(s) 0 min(s) 6 sec(s) 70 ms
Total Warnings: 16
Total Errors: 0
No. of SeqIDs Defined: 527
Actual SeqID Count: 527

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SEQUENCE LISTING

<110> ASTRAZENCA AB and DYAX CORP.

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Sergy LEONOV

<120> ANTIBODIES BINDING TO A C-TERMINAL FRAGMENT OF APOLIPOPROTEIN E

<130> 117-580 / N.90271E

<140> 10579445

<141> 2006-10-04

<150> PCT/EP2004/013426

<151> 2004-11-26

<150> US 60/525,174

<151> 2003-11-28

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Val Lys Glu Gln Val Ala Glu Val Arg Ala Lys Leu Glu Glu Gln Ala

20 25 30

Gln Gln Ile Arg Leu Gln Ala Glu Ala Phe Gln Ala Arg Leu Lys Ser

35 40 45

Trp Phe Glu Pro Leu Val Glu Asp Met Gln Arg Gln Trp Ala Gly Leu

50 55 60

Val Glu Lys Val Gln Ala Ala Val Gly Thr Ser Ala Ala Pro Val Pro

65 70 75 80

Ser Asp Asn His

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Trp Phe Glu Pro Leu Val Glu Asp
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Gly

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Met Tyr Met Met Asp
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Tyr Tyr Ala Met Gln
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Ser Leu Tyr Pro Ser Gly Gly Asn Thr Ser Tyr Ala Asp Ser Val Lys
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Gly

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Gly Arg Gly Asn Tyr Asp Phe Trp Ser Ala Gly Tyr Tyr Tyr Tyr Tyr
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Met Asp Val

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Gln Gln Ser Phe Ser Ser Pro Trp Thr
1 5

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Arg Thr Ser Gln Asp Ile Arg Asn His Leu Gly
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Glu Ala Ser Ile Leu Gln Ser
1 5

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Leu Gln Tyr Asp Ser Phe Pro Tyr Thr
1 5

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Arg Ala Ser Gln Ser Ile Gly Ser Arg Tyr Leu Ala
1 5 10

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Asp Ala Ser Lys Arg Ala Thr
1 5

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Gln Gln Gly Tyr Asn Trp Pro Pro Trp Thr
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Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Lys Tyr
20 25 30

Ser Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Gly Ile Tyr Ser Ser Gly Gly Lys Thr Ile Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Pro Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ser Leu Asp Leu Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr
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Val Ser Ser
115

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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Met Tyr
20 25 30

Met Met Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ser Ile Trp Pro Ser Gly Gly Gln Thr Trp Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ser Val Leu Leu Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr
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Val Ser Ser
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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Tyr Tyr
20 25 30

Ala Met Gln Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ser Leu Tyr Pro Ser Gly Gly Asn Thr Ser Tyr Ala Asp Ser Val

50	55	60
Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr		
65	70	75 80
Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys		
	85	90 95
Ala Arg Gly Arg Gly Asn Tyr Asp Phe Trp Ser Ala Gly Tyr Tyr Tyr		
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Tyr Tyr Met Asp Val Trp Gly Lys Gly Thr Thr Val Thr Val Ser Ser		
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Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Arg Ile Arg Lys		
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Asn Leu His Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Asn Leu Leu		
	35	40 45
Ile Tyr Asp Ala Ser Ser Asn Glu Arg Gly Val Pro Ser Arg Phe Ser		
	50	55 60
Gly Arg Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln		
65	70	75 80
Pro Glu Asp Leu Ala Thr Tyr Tyr Cys Gln Gln Ser Phe Ser Ser Pro		
	85	90 95
Trp Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys		
	100	105

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Gln Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val		
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Gly Asp Arg Val Thr Ile Thr Cys Arg Thr Ser Gln Asp Ile Arg Asn		
	20	25 30

His Leu Gly Trp Phe Gln Gln Lys Pro Gly Lys Ala Pro Gln Arg Leu
35 40 45

Ile Arg Glu Ala Ser Ile Leu Gln Ser Gly Val Pro Ser Thr Phe Tyr
50 55 60

Gly Ser Gly Tyr Gly Arg Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln
65 70 75 80

Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Leu Gln Tyr Asp Ser Phe Pro
85 90 95

Tyr Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
100 105

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Gln Asp Ile Gln Met Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro
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Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Ile Gly Ser
20 25 30

Arg Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu
35 40 45

Leu Ile Tyr Asp Ala Ser Lys Arg Ala Thr Gly Val Pro Val Arg Phe
50 55 60

Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu
65 70 75 80

Gly Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Gly Tyr Asn Trp
85 90 95

Pro Pro Trp Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
100 105 110

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Phe Tyr Gly Met Val
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Ser Ile Ser Pro Ser Gly Gly Tyr Thr Leu Tyr Ala Asp Ser Val Lys
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Gly

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Asp Gly Arg Arg Pro His Tyr Gly Ser Gly Arg Trp Ala Tyr
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Arg Tyr Leu Met Met
1 5

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Val Ile Ser Pro Ser Gly Gly Arg Thr Trp Tyr Ala Asp Ser Val Lys
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Gly

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Ser Ile Ala Ala Ala Gly Thr Asp Tyr

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Asn Tyr Phe Met Ile
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Trp Ile Ser Pro Ser Gly Gly Thr Thr Gln Tyr Ala Asp Ser Val Lys
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Gly

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Glu Ala Gly Tyr
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Ala Tyr Tyr Met Gly
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Val Ile Arg Pro Ser Gly Gly Lys Thr Lys Tyr Ala Asp Ser Val Lys
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Gly

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Gly Pro His Gly Gln Gly Gly Val Asp Ser
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Glu Tyr Phe Met Thr
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Ser Ile Arg Pro Ser Gly Gly Lys Thr Arg Tyr Ala Asp Ser Val Lys
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Gly

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Tyr Ile Ser Ser Ser Gly Gly Val Thr Ser Tyr Ala Asp Ser Val Lys
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Gly

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Gly Thr His Leu Pro Gly Val Asp Tyr
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Gly Tyr Ile Met Ala
1 5

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Gly

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1 5

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Gly

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